QR CODE BASED AUTHENTICATION SYSTEM

Name : Tanmay Patil   MIS : 112003107

LIBRARIES USED

- **qrcode**
- **OpenCV**
- **csv**
- **tkinter**
- **PIL**
- **pyzbar**

HOW IT WORKS?

Registration :

It takes **MIS** as input from the user
and **ENCODES** it into a QR code and
saves the **.png** file of QR code in a folder with MIS as its name.

Scanning :

While **SCANNING** the QR code ,
the **DECODED** QR code gives the MIS of the user ,
which helps to **OPEN** the image of the user saved while registering.

HOME PAGE

```
****************************************************************


             WELCOME TO COEP


****************************************************************




             Enter 1 to Register
             Enter 2 to Scan QR code
             Enter 3 to get Details
             Enter 4 to print ID CARD
             Enter 5 to EXIT

             Enter --->█
```

REGISTRATION PAGE

```
tanmay@tanmay-lenovo: ~/Desktop/projects/attendance

Enter Your MIS : 112003107

Enter Your name : Tanmay Patil

Enter Your Contact No. : 7038933767

Enter Your Date of Birth : 05/12/2002

Enter Your Address : COEP HOSTEL
```

MIS Registered Successfully

	A	B	C	D	E
1	MIS	Name	Contact	DOB	Address
2	112003107	Tanmay Patil	7038933767	05/12/2002	COEP HOSTEL
3					
4					

REGISTRATION DATA

	MIS	Name	Contact	DOB	Address
1					
2	112003112	Siddhesh Pawar	9112203771	17/07/2003	COEP HOSTEL
3	112003053	Sahil Jaiswal	9921496207	02/05/2002	COEP Hostel
4	112003107	Tanmay Patil	7038933767	05/12/2002	COEP HOSTEL
5	142103007	Sanskar Jamadar	7522939718	06/05/2002	COEP Hostel
6	112007021	Gaurav Kolte	8828046849	24/03/2002	Coep hostel, pune

Alert ― �□ ✕

MIS already Registered

HOW IS ATTENDANCE RECORDED?
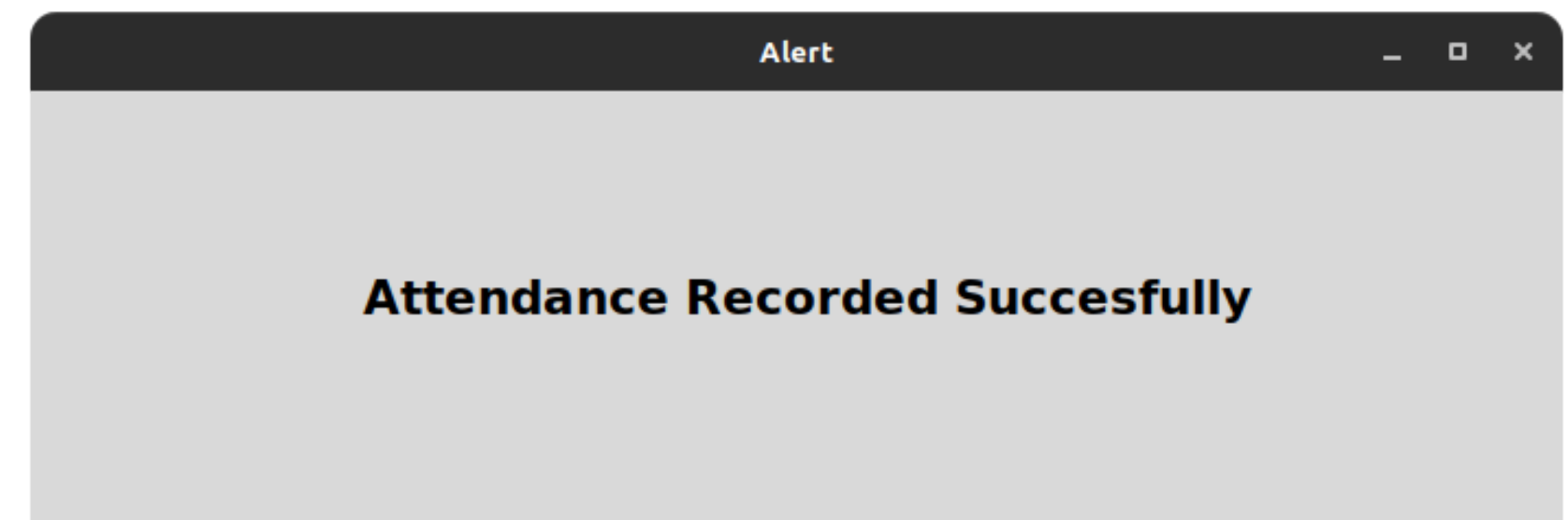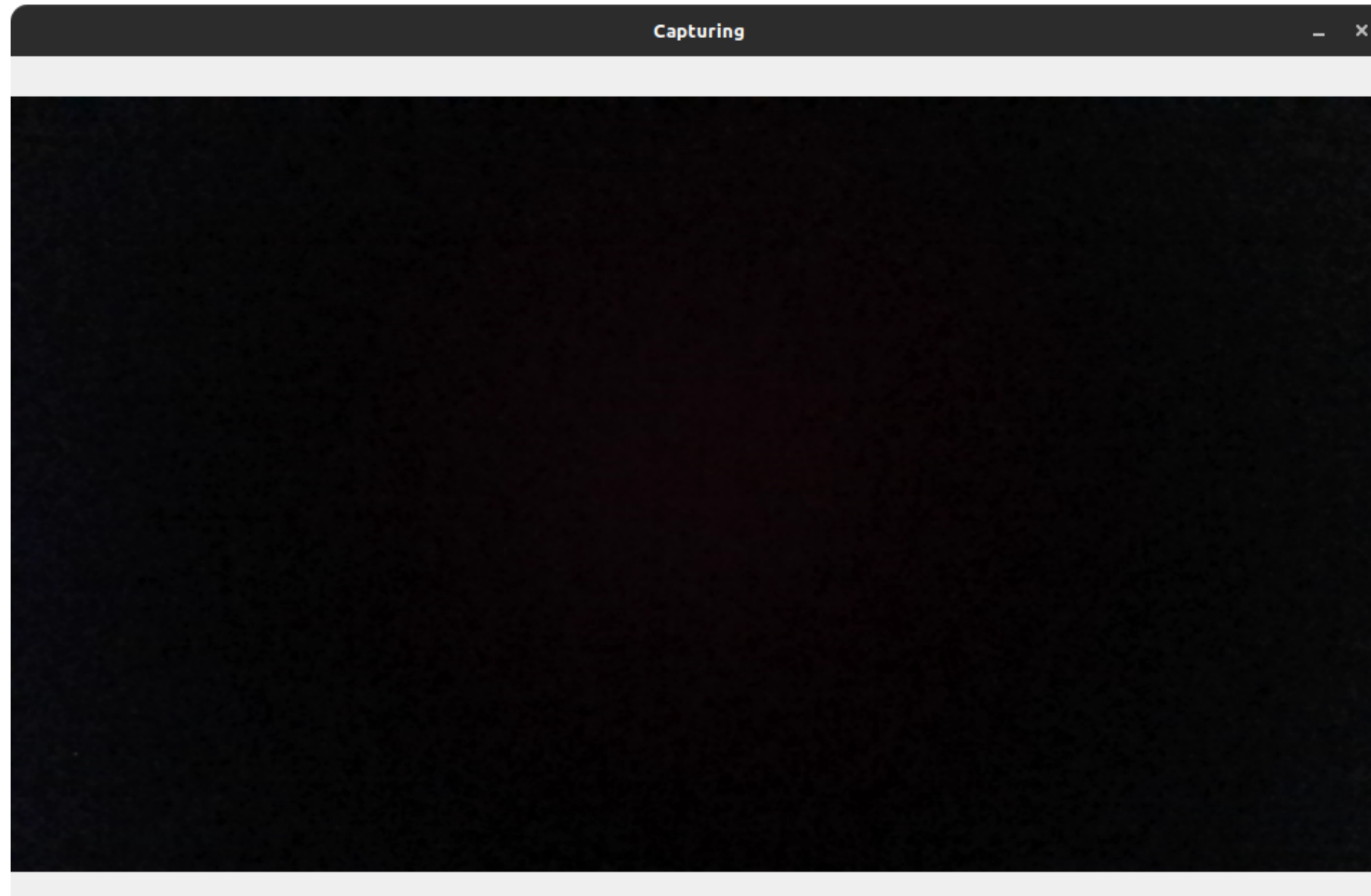
ATTENDANCE DATA

	MIS	Name	Date	Time
2	142103007	Sanskar Jamadar	2022-06-12	22:12:22
3	112003112	Siddhesh Pawar	2022-06-12	22:32:44
4	112007021	Gaurav Kolte	2022-06-13	08:57:27
5	112003107	Tanmay Patil	2022-06-18	23:14:29
6	112003112	Siddhesh Pawar	2022-06-18	23:14:50
7	112007021	Gaurav Kolte	2022-06-18	23:18:42

Search this file…

GENERATING ID CARDS
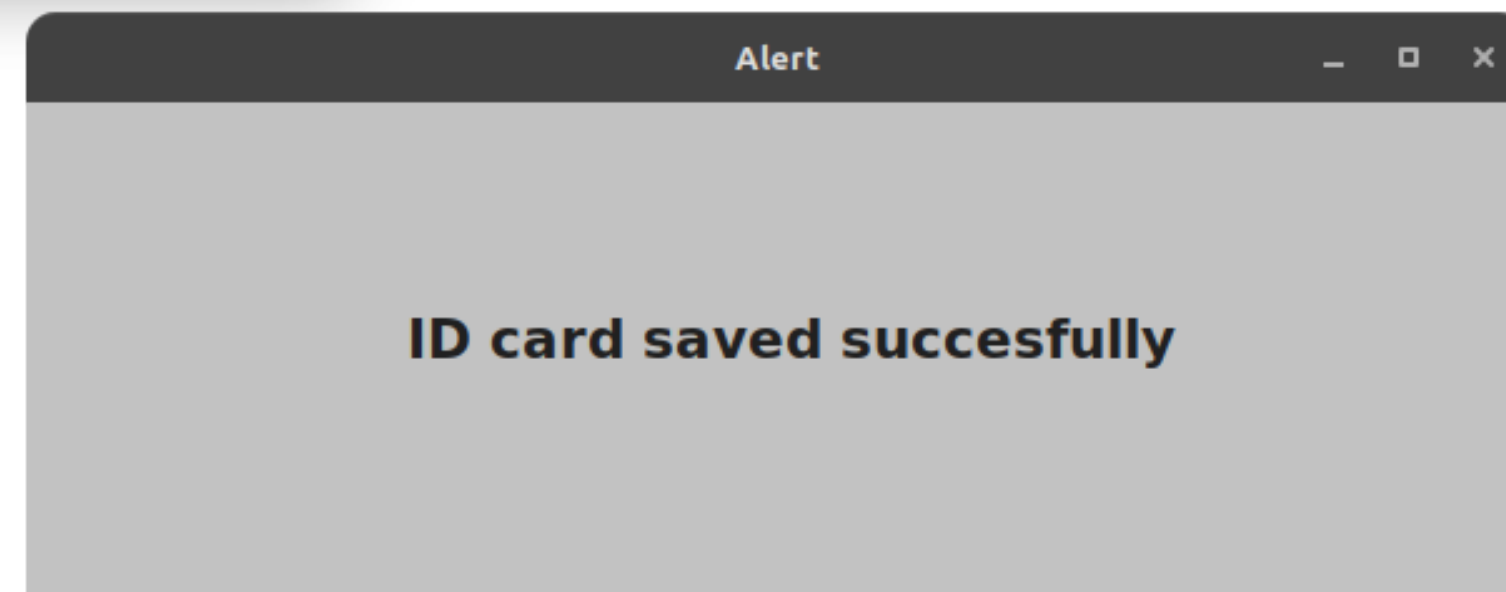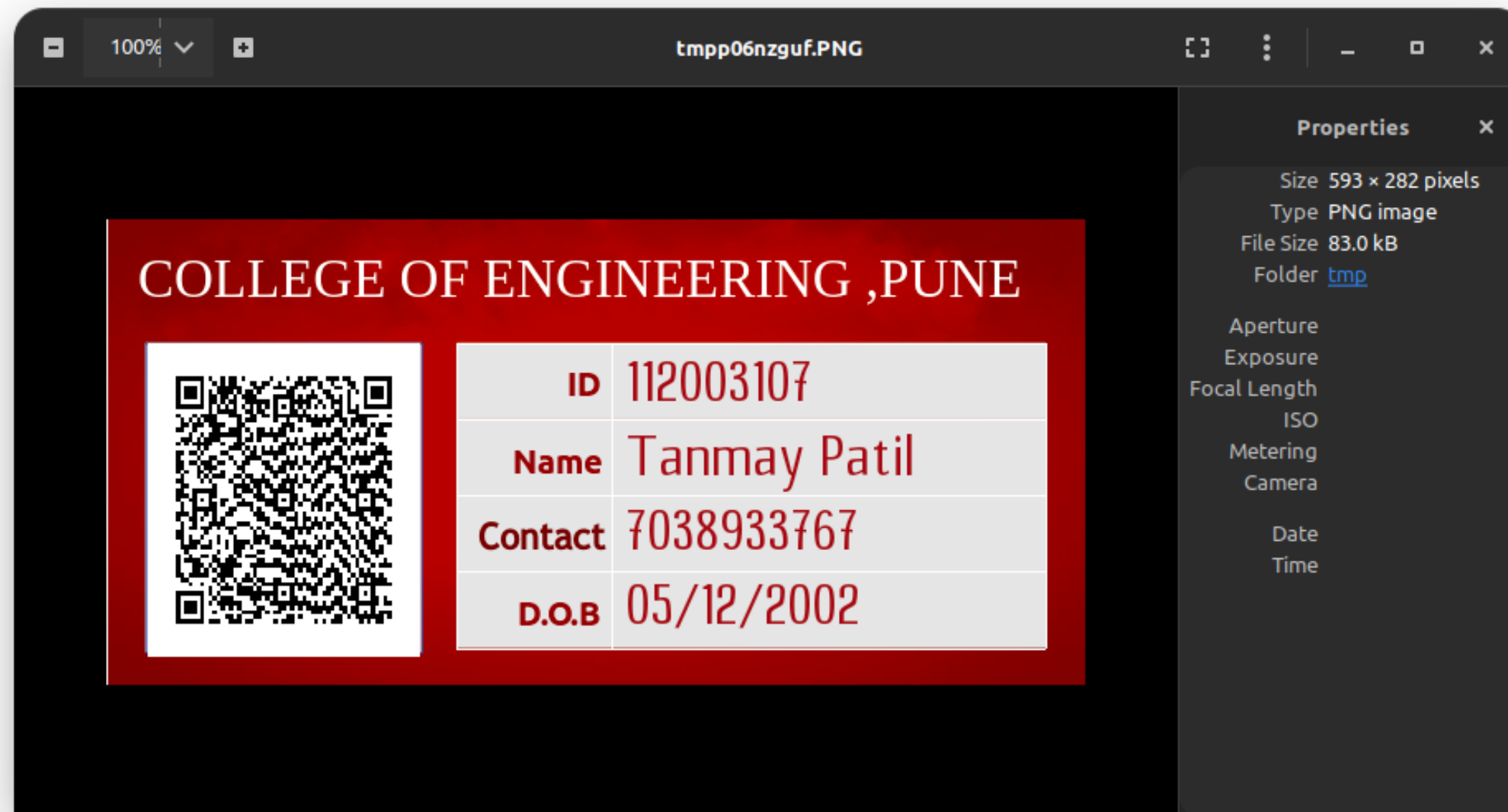
REFERENCES

1. Tkinter
2. qrcode
3. pyzbar

THANK YOU